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===========================================================
Sequence Listing was accepted.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2010; month=5; day=25; hr=13; min=0; sec=28; ms=132; ]
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Application No: 09936888   Version No: 1.0

Input Set:

Output Set:

Started:	2010-05-18 17:08:17.994
Finished:	2010-05-18 17:08:20.639
Elapsed:	0 hr(s) 0 min(s) 2 sec(s) 645 ms
Total Warnings:	26
Total Errors:	4
No. of SeqIDs Defined:	26
Actual SeqID Count:	26

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (1)
W	213	Artificial or Unknown found in <213> in SEQ ID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (3)
E	257	Invalid sequence data feature in <221> in SEQ ID (3)
E	257	Invalid sequence data feature in <221> in SEQ ID (3)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
E	257	Invalid sequence data feature in <221> in SEQ ID (4)
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W	213	Artificial or Unknown found in <213> in SEQ ID (5)
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W	213	Artificial or Unknown found in <213> in SEQ ID (15)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)

Input Set:

Output Set:

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Total Warnings:	26
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Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20) This error has occured more than 20 times, will not be displayed

<210> 1
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:activity
      dependent neurotrophic factor I (ADNF I) active
      site

<400> 1
Ser Ala Leu Leu Arg Ser Ile Pro Ala
  1   5

<210> 2
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:activity
      dependent neurotrophic factor III (ADNF III)
      active site

<400> 2
Asn Ala Pro Val Ser Ile Pro Gln
  1   5

<210> 3
<211> 89
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<220>
<221> MOD_RES
<222> (1)..(40)
<223> Xaa = any amino acid, Xaa at positions 1-40 may be
      present or absent

<220>
<221> MOD_RES
<222> (50)..(89)
<223> Xaa = any amino acid, Xaa at positions 50-89 may
      be present or absent

<400> 3
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Ser Ala Leu Leu Arg Ser Ile Pro
        35   40   45

Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
    50   55   60

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65   70   75   80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
                85

<210> 4
<211> 88
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<220>
<221> MOD_RES
<222> (1)..(40)
<223> Xaa = any amino acid, Xaa at positions 1-40 may be
      present or absent

<220>

<220> MOD_RES
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<223> Xaa = any amino acid, Xaa at positions 49-88 may
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<221> MOD_RES
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<223> Xaa = any amino acid, Xaa at positions 49-88 may
        be present or absent

<400> 4
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1   5   10   15

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
            20   25   30

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn Ala Pro Val Ser Ile Pro Gln
        35   40   45

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
    50   55   60

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65   70   75   80

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
                85

<210> 5
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:1-R or 2-R in
        ADNF I polypeptide formula

<400> 5
Val Leu Gly Gly Gly
 1   5

<210> 6
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:1-R in ADNF I
        polypeptide formula

<400> 6
Val Glu Glu Gly Ile Val Leu Gly Gly Gly
 1   5   10

<210> 7
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:3-R or 4-R in
     ADNF III polypeptide formula

<400> 7
Leu Gly Leu Gly Gly
  1   5

<210> 8
<211> 8
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:3-R in ADNF
     III polypeptide formula

<400> 8
Ser Val Arg Leu Gly Leu Gly Gly
  1   5

<210> 9
<211> 4
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:2-R in ADNF I
     polypeptide formula

<400> 9
Val Leu Gly Gly
  1

<210> 10
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:2-R in ADNF I
     polypeptide formula

<400> 10
Val Leu Gly Gly Val
  1   5

<210> 11
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:2-R in ADNF I
     polypeptide formula

<400> 11
Gly Val Leu Gly Gly
  1   5

<210> 12
<211> 4
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:4-R in ADNF III
     polypeptide formula

<400> 12
Leu Gly Leu Gly
  1

<210> 13
<211> 5
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:4-R in ADNF III
     polypeptide formula

<400> 13
Leu Gly Leu Gly Leu
  1   5

<210> 14
<211> 19
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF I
     polypeptide

<400> 14
Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Val Leu
  1   5   10   15

Gly Gly Gly

<210> 15
<211> 18
<212> PRT

<210> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<400> 15
Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Val Leu
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Gly Gly

<210> 16
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<400> 16
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  1   5   10   15

Gly Gly Val

<210> 17
<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<400> 17
Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Gly Val
  1   5   10   15

Leu Gly Gly

<210> 18
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 18

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
 1   5   10   15

Gly Gly

<210> 19
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 19

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
 1   5   10   15

Gly

<210> 20
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 20

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
 1   5   10   15

Gly Leu

<210> 21
<211> 14
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<400> 21

Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala
 1   5   10

<210> 22

<211> 19
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF I
      polypeptide

<400> 22
Val Glu Glu Gly Ile Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser
 1   5   10   15

Ile Pro Ala

<210> 23
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 23
Gly Gly Asn Ala Pro Val Ser Ile Pro Gln
 1   5   10

<210> 24
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 24
Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
 1   5   10

<210> 25
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 25
Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
 1   5   10   15

<210> 26
<211> 18
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ADNF III
      polypeptide

<400> 26
Ser Val Arg Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln
  1   5   10   15

Gln Ser